

US EPA ARCHIVE DOCUMENT

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11/25/98

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MRID No. 446327-02

DATA EVALUATION RECORD
§ 72-2 - ACUTE EC₅₀ TEST WITH A FRESHWATER INVERTEBRATE

- 1. **CHEMICAL:** Acetochlor ethane PC Code No.: 121601
sulfonic acid (acetochlor metabolite)
- 2. **TEST MATERIAL:** R290131 Purity: 97%
- 3. **CITATION:**
 - Authors: S.J. Kent and N. Shillabeer
 - Title: R290131: Acute Toxicity to *Daphnia magna*
 - Study Completion Date: June 27, 1997
 - Laboratory: Brixham Environmental Laboratory,
Brixham, Devon, UK
 - Sponsor: ZENECA Ag Products, Wilmington, DE
 - Laboratory Project ID: BL5969/B
 - MRID No.: 446327-02
 - DP Barcode: D249066

- 4. **REVIEWED BY:** Mark Mossler, M.S., Toxicologist,
Golder Associates Inc.

Signature: *Mark Mossler* **Date:** 11/25/98

APPROVED BY: Pim Kosalwat, Ph.D., Senior Scientist,
Golder Associates Inc.

Signature: *P. Kosalwat* **Date:** 11/25/98

- 5. **APPROVED BY:**

Signature: **Date:**

- 6. **STUDY PARAMETERS**

Age of Test Organism: <24 hours
Definitive Test Duration: 48 hours
Study Method: Static
Type of Concentrations: Mean measured

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- 7. **CONCLUSIONS:** This study is scientifically sound and fulfills the guideline requirements. A 48-hour EC₅₀ of >125 ppm classifies R290131 as practically non-toxic to *Daphnia magna*.

Results Synopsis:

EC₅₀: >125 ppm 95% C.I.: N/A
 NOEC: 125 ppm Probit Slope: N/A



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